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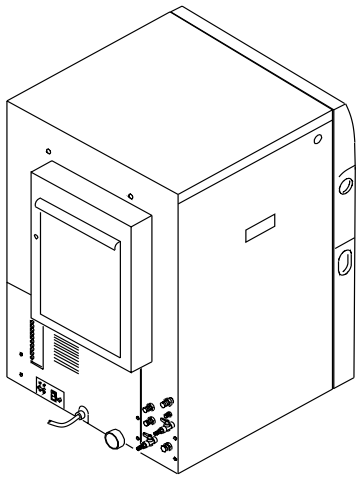
INSTALLATION INSTRUCTIONS
for the
Kodak X-Omat MULTILOADER 7000
STAND-ALONE DARKROOM FILM FEEDER
Service Code: 4822
for the
Kodak X-Omat MULTILOADER 7000
Service Code: 3444

Important
Qualified service personnel must install this equipment.



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HEALTH IMAGING

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This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

Table of Contents

Description	Page
Safety	3
Packing List	4
Necessary Materials	5
Installation	6
Installing the Equipment	6
Checking the Operation	10

Section 1: Safety

This information defines the safety and information icons used in this publication.

Warning

This icon is used for conditions that could cause personal injury.

ESD

Possible damage from electrostatic discharge.

This icon is used for conditions that could cause damage to the equipment.

Electrostatic discharge (ESD) is a primary source of:

- equipment failure
- low productivity
- equipment repairs

A person cannot feel a static charge of less than 3,500 V, but 30 V can cause damage to components in the equipment.

Preventive Measures

- Check for an ESD WARNING LABEL before doing any procedure with static-sensitive components. All static-sensitive components have graphic LABELS that frequently include instructions. Use all label instructions.
- Wear a GROUNDING STRAP when you touch static-sensitive components. Check that the CLIP remains fastened to a ground that has a clean surface with no paint.
- Repair static-sensitive components in an ESD-protected area or use a PORTABLE GROUNDING MAT.
- When moving static-sensitive components from area to area, insert and transport the components in ESD-protective material.

Important

This icon is used for important information.

Note

This icon is used for additional information.

Section 2: Packing List

Part No.	Description	Quantity	Notes
---------	FILM FEEDER	1	If replacement of parts is necessary, see the ILLUSTRATED PARTS LIST for the *Kodak X-Omat* MULTILOADER 7000 and the *Kodak X-Omat* MULTILOADER 7000 DARKROOM FILM FEEDER 3H9267.
---------	GUIDE - film	1	
9250621	CABLE - interface	1	
---------	CABLE AY - diode	1	
---------	SOCKET - ground wire	1	Includes 2 WASHERS and a NUT.
---------	WIRE TIE	5	

Section 3: Necessary Materials

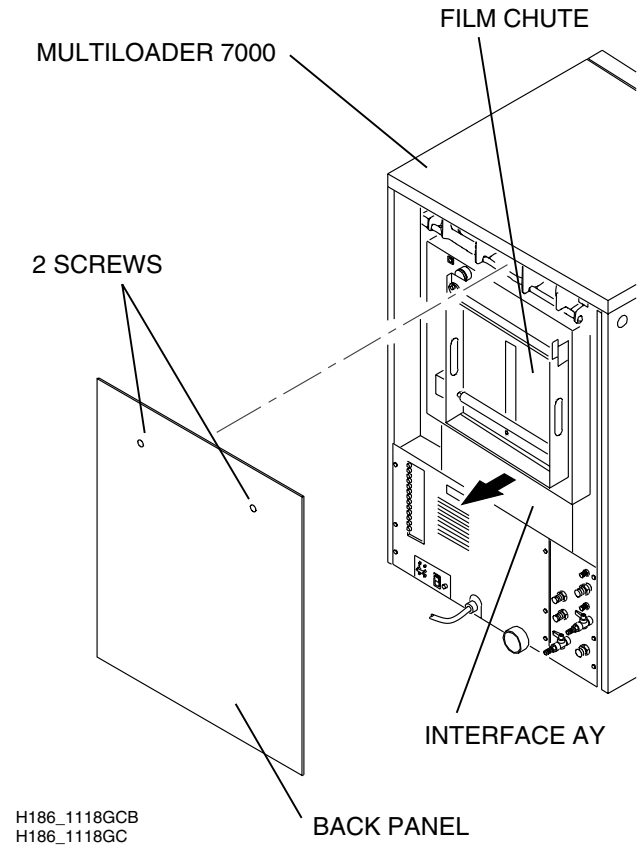
Part No.	Description	Quantity
-------	WRENCH - hex, 2 mm (5/64 in.)	1
9409351P	DISK - operating software download	1
5E9998	INSTALLATION INSTRUCTIONS for the *Kodak X-Omat* MULTILOADER 7000, *Kodak X-Omat* 3000 RA INTEGRATED PROCESSOR, and *Kodak X-Omat* MULTILOADER 7000 DARKROOM FILM FEEDER	1
5E9997	SITE SPECIFICATIONS for the *Kodak X-Omat* MULTILOADER 7000, *Kodak X-Omat* 3000 RA INTEGRATED PROCESSOR, and *Kodak X-Omat* MULTILOADER 7000 DARKROOM FILM FEEDER	1
-------	KNIFE	1

Section 4: Installation

Installing the Equipment

Important

The *Kodak X-Omat* MULTILOADER 7000 must be installed to match the specifications in the SITE SPECIFICATIONS for the *Kodak X-Omat* MULTILOADER 7000, *Kodak X-Omat* 3000 RA INTEGRATED PROCESSOR, and *Kodak X-Omat* MULTILOADER 7000 DARKROOM FILM FEEDER 5E9997.



[1] Is the OPERATING SOFTWARE on the MULTILOADER 7000 version 1.20 or higher?

Yes	No
Continue with Step 2.	a. Install the OPERATING SOFTWARE DOWNLOAD DISK 9409351P. b. Continue with Step 2.

Warning

Dangerous Voltage

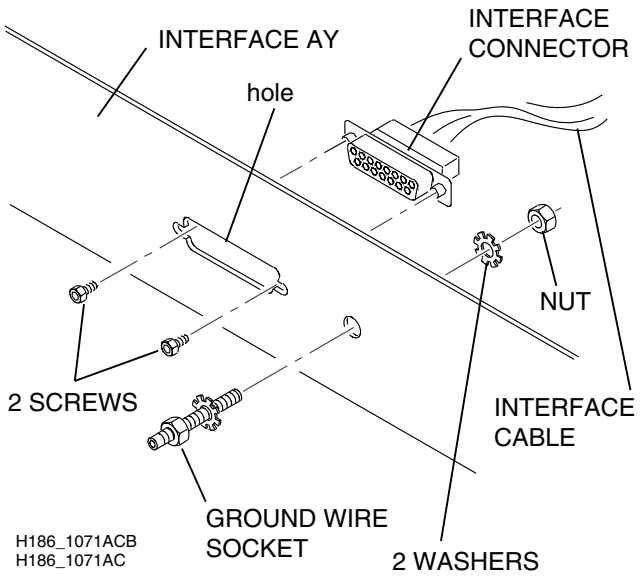
[2] De-energize and disconnect the main power.

[3] Rotate the 2 SCREWS counterclockwise 1/4 rotation.

[4] Remove and discard the BACK PANEL.

[5] Open the FILM CHUTE.

[6] Move the INTERFACE AY 25 - 50 mm (1 - 2 in.) from the MULTILOADER 7000.

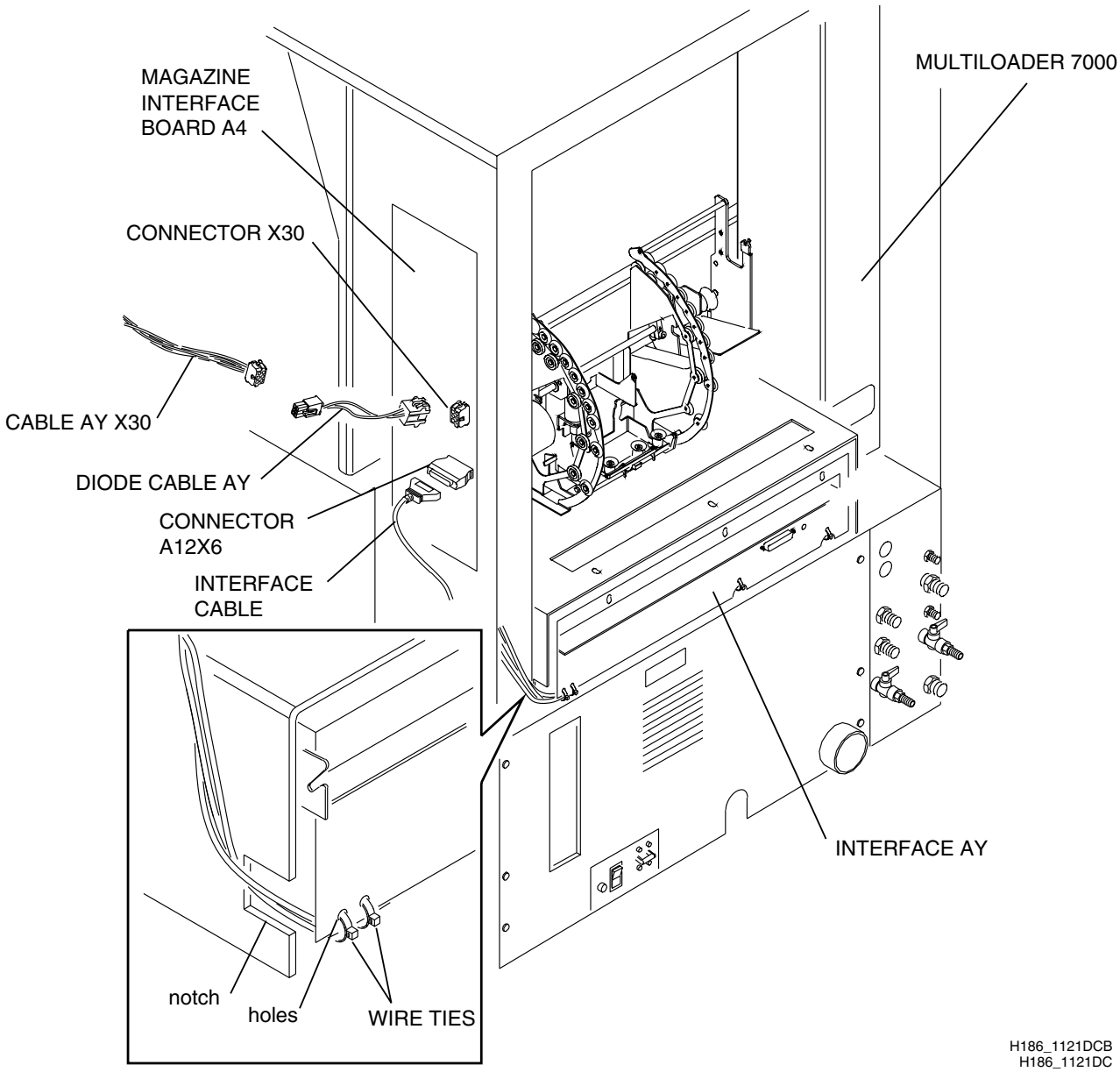


[7] Remove the 2 SCREWS from the INTERFACE CONNECTOR on the new INTERFACE CABLE.

[8] Install the INTERFACE CONNECTOR to the hole in the INTERFACE AY. Use the 2 SCREWS.

[9] Install the new:

- GROUND WIRE SOCKET
- 2 WASHERS
- NUT



[10] Fasten the new INTERFACE CABLE to the holes in the INTERFACE AY with the new WIRE TIES.

[11] Use the KNIFE to make the notch larger to provide access for routing of the INTERFACE CABLE.

[12] Move the INTERFACE AY back into the MULTILOADER 7000.

[13] Route the INTERFACE CABLE through the notch to the MAGAZINE INTERFACE BOARD A4.

[14] Connect the INTERFACE CABLE to the CONNECTOR A12X6.

[15] Disconnect the CABLE AY X30 from the CONNECTOR X30.

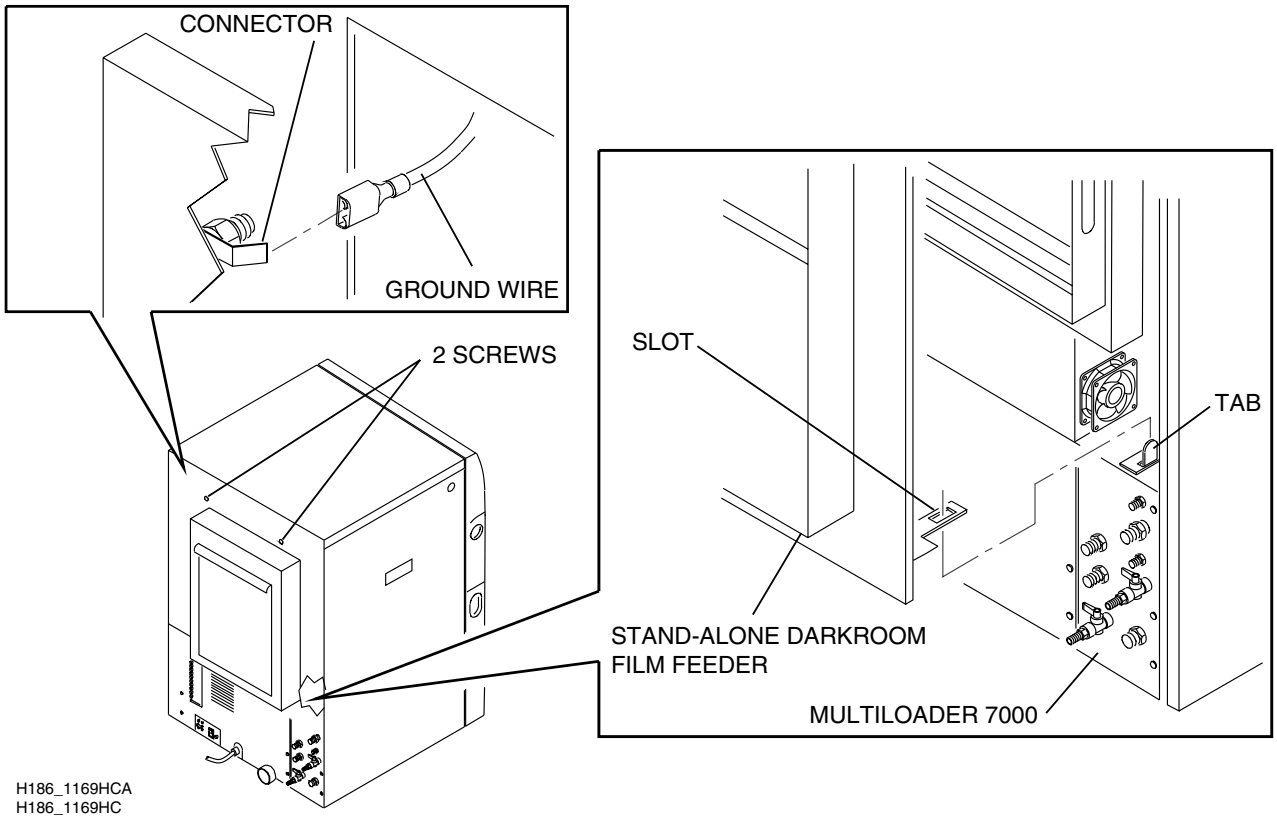
[16] Connect the new DIODE CABLE AY to:

- CABLE AY X30
- CONNECTOR X30

[17] Check that the DIODE CABLE AY and the INTERFACE CABLE do not touch any moving parts.

[18] If necessary, use WIRE TIES to hold the 2 CABLES from the moving parts.

[19] Close the FILM CHUTE.



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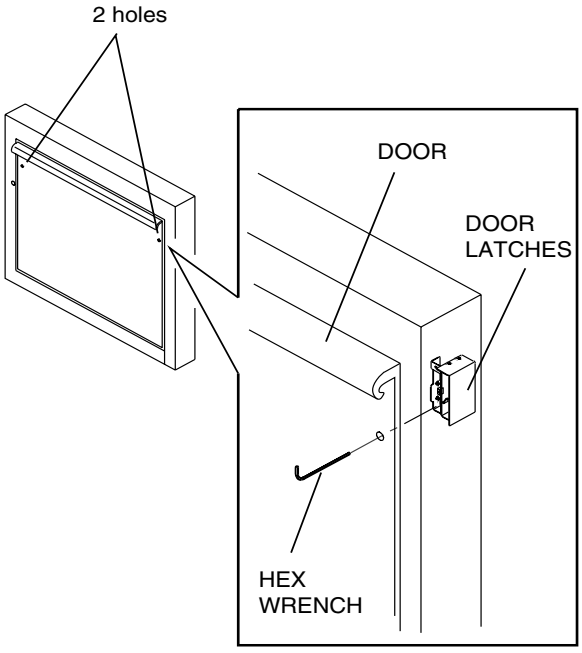
[20] Engage the SLOT on the bottom right and left sides of the STAND-ALONE DARKROOM FILM FEEDER onto the right and left TABS in the MULTILOADER 7000.

[21] Connect the GROUND WIRE from the MULTILOADER 7000 to the CONNECTOR on the STAND-ALONE DARKROOM FILM FEEDER.

[22] Align the 2 SCREWS on the STAND-ALONE DARKROOM FILM FEEDER with the MULTILOADER 7000.

[23] Rotate the 2 SCREWS clockwise 1/4 rotation.



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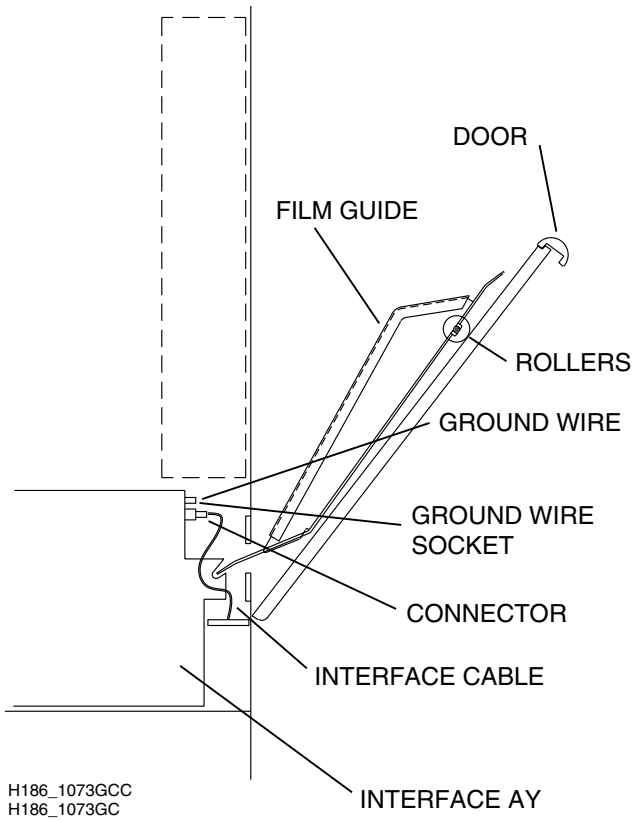
[24] Insert the HEX WRENCH through the 2 holes on each side of the DOOR to release the DOOR LATCHES.

[25] Open the DOOR.



[26] Connect:

- new INTERFACE CABLE into the CONNECTOR
- GROUND WIRE into the new GROUND WIRE SOCKET

[27] Install the new FILM GUIDE.

[28] Check:

- bottom edge of the FILM GUIDE is in the correct position on the INTERFACE AY
- ROLLERS touch the DOOR

[29] Close the DOOR.

[30] Set the “DFF” parameter to “01”. See the INSTALLATION INSTRUCTIONS 5E9998:

Section	Procedure
“Configuring the MULTILOADER 7000”	“Setting the Parameters”

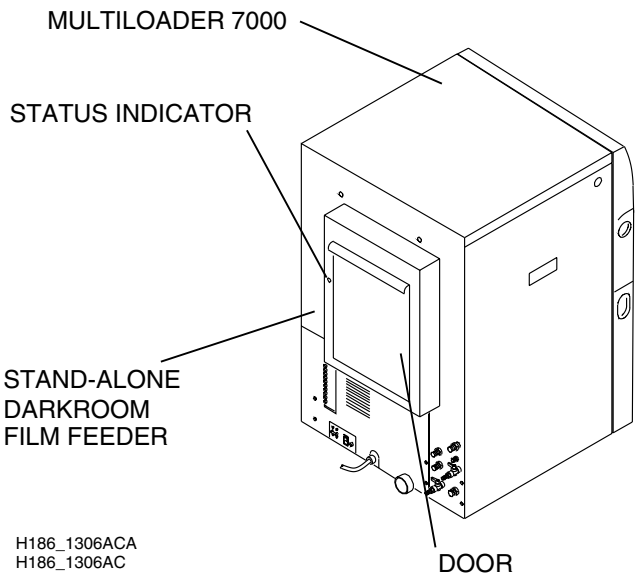
Warning

All procedures must be completed correctly.

[31] In the INSTALLATION INSTRUCTIONS 5E9998, do:

Section	Procedure
“Electrical Safety”	“Additional Service Procedures”

Checking the Operation



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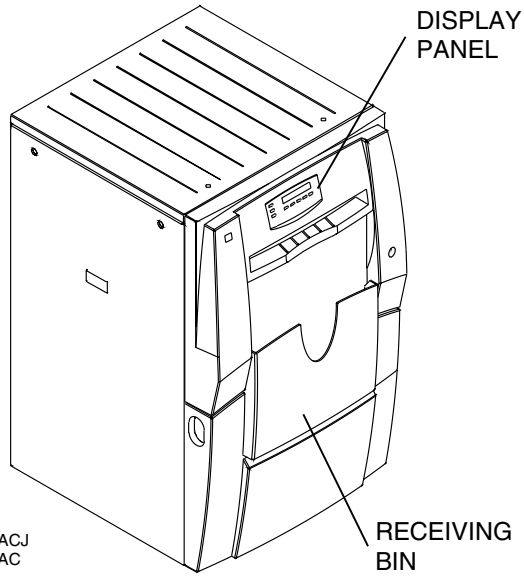

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[1] Check that the DOOR on the STAND-ALONE DARKROOM FILM FEEDER is locked when the MULTILOADER 7000 is de-energized.

Warning
Dangerous Voltage

[2] Connect and energize the MULTILOADER 7000.

[3] Wait for the STATUS INDICATOR to change to green.

[4] Open the DOOR.

[5] Place a film into the STAND-ALONE DARKROOM FILM FEEDER.

[6] Wait for the beep.

[7] Place another film into the STAND-ALONE DARKROOM FILM FEEDER.

[8] Close the DOOR.

[9] Check:

- STATUS INDICATOR is red and the DOOR is locked
- DISPLAY PANEL indicates that the STAND-ALONE DARKROOM FILM FEEDER is operating when film is in the STAND-ALONE DARKROOM FILM FEEDER and PROCESSOR
- all films reach the RECEIVING BIN

[10] Process film and CASSETTES to check for correct operation of the MULTILOADER 7000.

Publication History

Publication Date	Publication No.	ECO No.	Changed Pages	File Name	Notes
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